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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known					
Application Number	09/832,419				
Filing Date	APRIL 11, 2001				
First Named Inventor	GONYE ET AL				
Group Art Unit	UNKHOWN 16 36				
Examiner Name	UNKNOWN McKelve,/				
Attorney Docket Number	BC1042 US NA				

			U.S. PATENT DOCUM	MENTS		
Examiner Cite No.1		U.S. Patent Document  Number  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appear	
Me		5,569,588	Ashby			
1		6,025,131	LaRossa			
V		5,683,868	LaRossa			
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	FOREIGN PATENT DOCUMENTS								
Evaminas	nin a a Cita	For	eign Patent Do	ocument	Name of Patentee	Date of Publication of	Pages, Columns, Lines,		
Examiner Initials*	Cite No. <sup>1</sup>	Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> ( <i>if known</i> )	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>	
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2 2 of Sheet

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Group Art Unit	UNKNOWN 1636					
Examiner Name	UNKNOWN Mc Ke (ver)					
Attorney Docket Number	BC1042 US NA					

	<u></u>	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
me	RICHMOND ET AL., 1999, Nucleic Acids Res. 27: 3821-3825, 17, 25					
		Tao et al., 1999, J. Bacteriol. 181:6425-6440				
		Wilson et al., 1999 Proc. Natl. Acad. Sci. U.S.A. 96:12833-12838				
		Kenyon and Walker 1980, Proc. Natl. Acad. Sci. U.S.A. 77:2819-2823				
		Lomba et al., 1997 Microbiol Lett 156;119-122				
		Walker 1996 In Escherichia coli and Salmonella Cellular and Molecular Biology. ASM Press pp 1400-1416				
		VanDyk et al., 1998, J. Bacteriol. 180:785-792				
		Heitzer et. al., 1994, Appl. Environ, Microbiol. 60:1487-1494				
		Matrubutham et al., 1997, Appl. Microbiol. Biotechnol. 47:604-609				
		Webb et al., 1997 Biotechnol. Bioeng. 54:491-502				
		Simpson et al., 1998 Soc. Opt. Eng. 3328 (Smart Electronics and MEMS, 202-212				
		Simpson et al., 1998 TIBTECH 16:332-338				
		Nichols et al., 1998, J. Bacteriol. 180:6408-6411				
		Balbas et al., 1996, Gene 172;65-69				
		Lloyd and Low 1996, In Escherichia coli and Salmonella: Cellular and Molecular Biology. ASM Press, pp2236- 2255				
		Boyd et al., 2000, J. Bacteriol. 182:842-847				
		Nash, H. 1996, In Escherichia coli and Salmonella: Cellular and Molecular Biology. ASM Press, pp 2363-2376	<del></del>			
		LaRossa, 1996, In Escherichia coli Salmonella: Cellular and Molecular Biology. ASM Press, p. 2527-2587				

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Me		6,136,566	SANDS ET AL.	10/24/2000					
		6,207,371 B1	ZAMBROWICZ ET AL.	03/27/2001					
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Examiner	er Cite Foreign Patent Document Name of Patentee Date of Publication of	Pages, Columns, Lines,						
Initials*	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
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